USSR/Pharmeology and Toxicology. Muscle Relaxants.

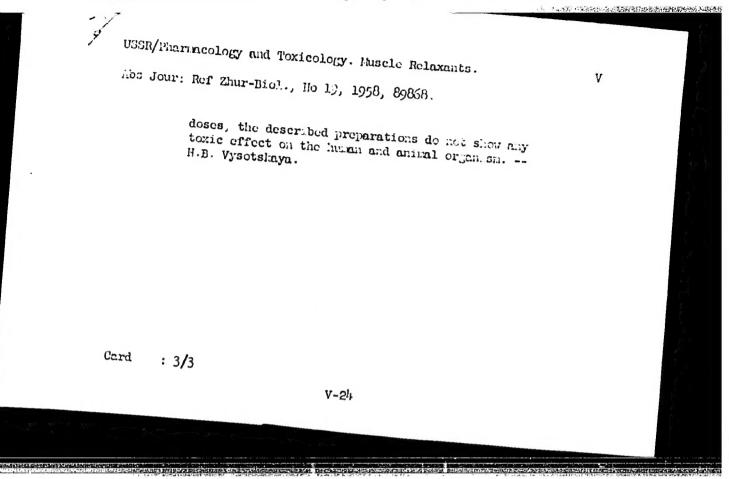
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Abs Jour: Ref Zhur-Biol., No 19, 1958, 89868.

of 30-40 minutes with preservation of natural respiration; in combination with other, 1.5-2 ml of a 0.1% solution of I was required. I is 20 times more active than diplacin. II possesses a brief curariform effect by producing prolonged depolarization. For the purpose of curarization, II is administrated intravenously in doses of 2.5 ml of a 1% solution. The duration of the effect is 4-5 minutes. For a longer effect, the drip method of administration is used (20 ml of a 1% solution of II in 100 ml of physiological solution of II at a rate of 30-40 drops per min.). II seems to be the most controllable drug, and according to the author, has no contra-indications. In clinical

Card : 2/3

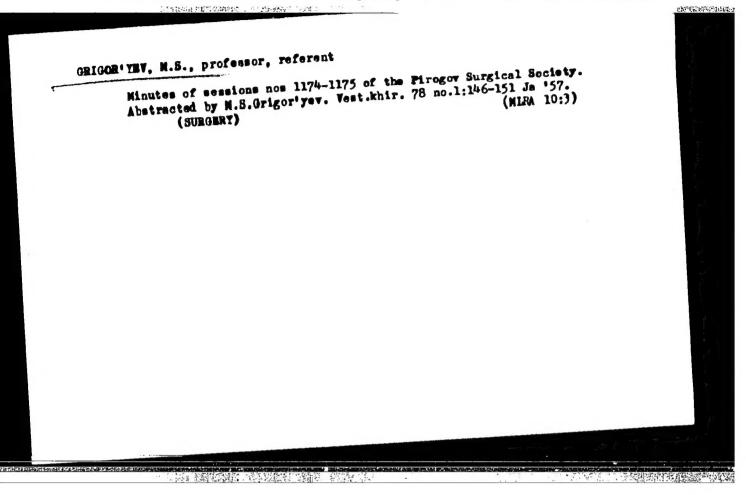
APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681(



Modern methods of anesthesia in surgery for lung cancer [with summary in English]. Yop.onk. 3 no.4:446-451 '57. (MIRA 10:11)

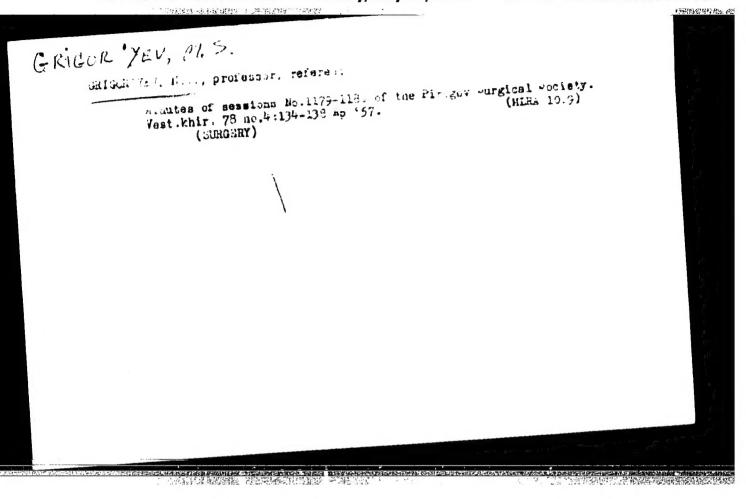
1. Is khirurgicheskoy kliniki dlya usovershenstvovaniya vrachey (nach. - deystwitel'nyy chlen AMN SSSR prof. P.A.Kupriyanov) (voyenno-meditsinskoy ordens Lenins akademii im. S.M.Kirova. (PMENNOMECTOMY, in var.dis. (pms. anesth. (Rus))

(AMNSTHESIA, in penumonectomy in cancer (Rus))



"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681



GRIGGE'YEV. M.S., professor (Leningrad, K-9, ul. Smirnova, 4.8, kv.)6);

MISHURA, V.I.

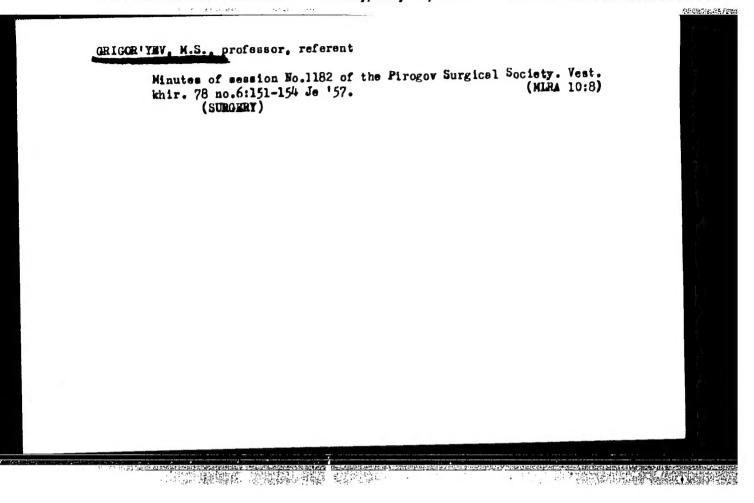
Transventricular pulmonary valvulotomy and infundibulectomy in some congenital cardiac defects [with summary in English, p.158. Vest. (MISA 10:7)]

khir. 78 no.5:35-45 My '57.

1. Is khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach. - prof. P.A.Kupriyanov) Voyenno-meditsinskoy ordena Lenima akademii im. S.M.Kirova.

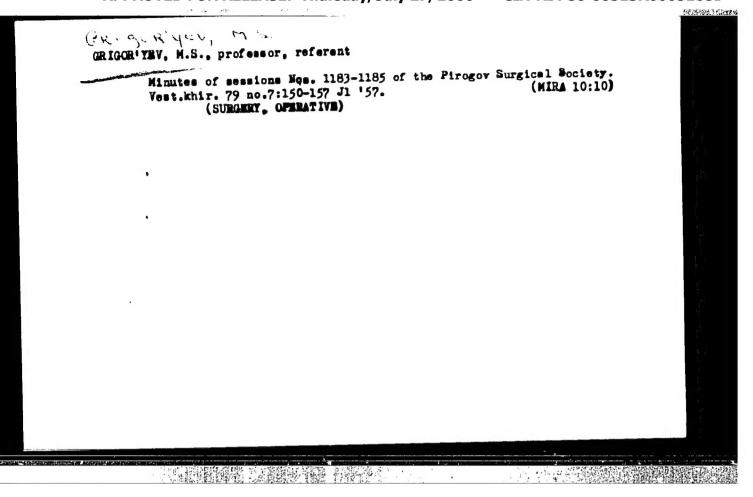
(CARDIOVASCULAR DEFECTS, COMGMNITAL, surg.

infundibulectomy & transventric. pulm. valvulotomy, review)



"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681



GR. SOY YES, 17 5 ORIGOR'YHV, M.S., referent, professor Minutes of sessions Nos. 1186-1188 of the Pirogov Surgical Society. Vest.khir. 79 no.8:135-144 Ag '57. (SURGERY)

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681

GRIGGR'YEV, M.S., referent

Minutes of the Pirogov Surgical Society, meeting No.1190, Merch 20, 1957. Vent.khir. 79 no.10:152-154 0 '57. (MIRA 10:12) (SURGERY)

GRIGOR'IEV, M.S., referent, prof.

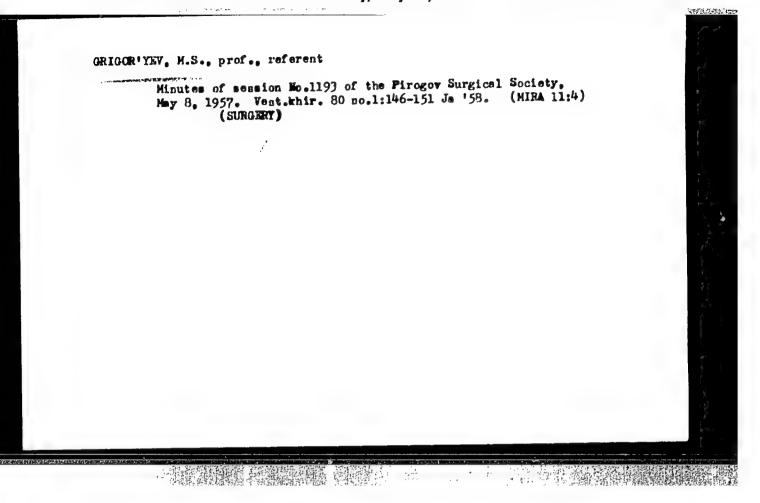
Minutes of sessions Mos. 1191-1192 of the Pirogov Surgical Society.

Winutes of sessions Mos. 1191-1192 of the Pirogov Surgical Society.

(MIRA 11:3)

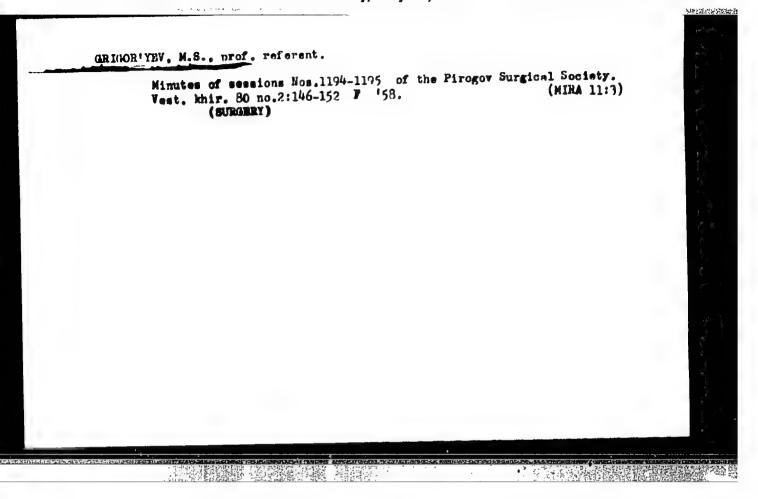
Vest.khir. 79 no.11:150-156 N'57.

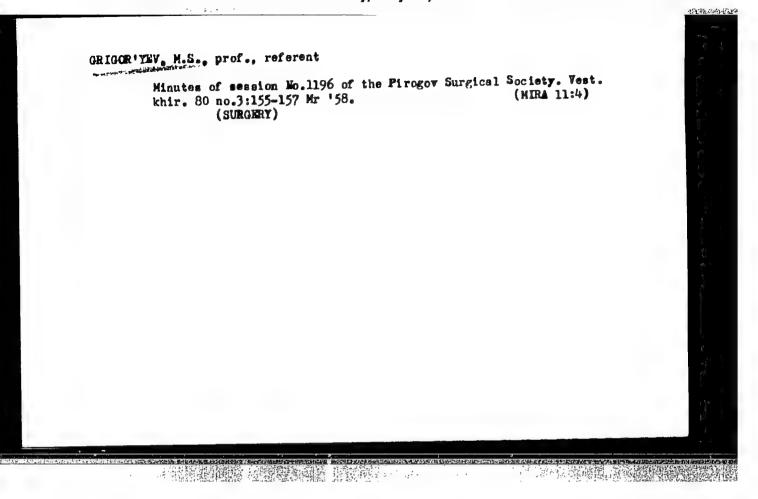
(SURGERY)



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ORIGOR'YEV, M.S., referent prof., OAMOV, V.S., referent prof.

Minutes of sessions Hos. 12-7-1208 of the Pirogov Surgical Society.
Vest.khir. 81 no.83145-150 Ag '58

(SURGERY)

(SURGERY)

Defects of the septum atriorum and their closure by Sondergaard's method. Grud. khir. 1 no.1:16-24 Ja-7'59. (MIRA 13:6)

1. In khirurgicheskoy kliniki dlya usovershenstvovaniya vrachey (nach. - prof. P.A. Eupriyanov) Voyenno-meditsinskoy ordena Lenina akademi imeni S.M. Eirova.

(HEART-ABSORMITIES AND DEFORMITIES) (HEART-SURGERY)

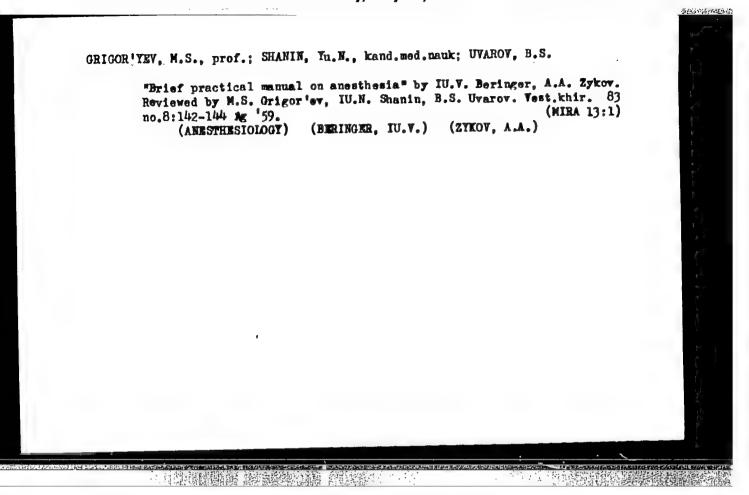
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CIA-RDP86-00513R00051681

GRIGOR'YEV, M.S., prof. (Leningrad, ul. Smirnova, 8, kv.)6); IZBINSKIY, A.L., kand.med.nauk

Trachecatomy in operations on organs of the chest. Vest.khir.
82 no.4:16-25 Ap '59. (MIRA 12:6)

1. Is khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach. - prof.P.A.Kupriyanov) Voyenno-meditsinskoy ordena
Lenina akademii im. S.M.Kirova.
(TRACHMA--SURGERY) (RESPIRATORY ORGANS--DISHASES)



GRIGORYEV, M. S., (Prof.), AKSENOV, B. N., IZBINSKIY, A. P., MESHCHERYAKOV, N. A, UVAROV, B. S., and SHANIN, Yu. N., -- Leningrad

"Anthesia for Intrathoracic Operations on the Esophagus."

Report submitted for the 27th Congress of Surgeons of the USSR, Moscow, 23-28 May 1960.

ANICHKOV, M.N., dots.; ANTELAVA, N.V., prof.; BISENKOV, N.P., kand.

med. nauk; BOGUSH, L.K., prof.; CRIGOR'YEV, M.S., prof.;

DYSKIN, Ye.A., kand. med. nauk; KEVESH, Ye.L., prof.; KOLESOV, A.P.;

KOLESOV, V.I., prof.; KUPRIYANOV, P.A., prof.; LINDELG, b.E.,

prof.; MAKSIMENKOV, A.N., prof.; OSIPOV, B.K., prof.;

SAVITSKIY, A.I., prof.; UVAROV, B.S.; UGLOV, F.G., prof.;

KHOLDIN, S.A., prof.; PETROVSKIY, B.V., prof., otv. red.;

BAKULEV, A.N., akademik, red.; GULYAYEV, A.V., prof., red.;

YEGOROV, B.G., prof., red.; PANKRAT'YEV, B.Ye., prof., red.;

PYTEL', A.Ya., prof., red.; RIKHTER, G.A., prof., red.;

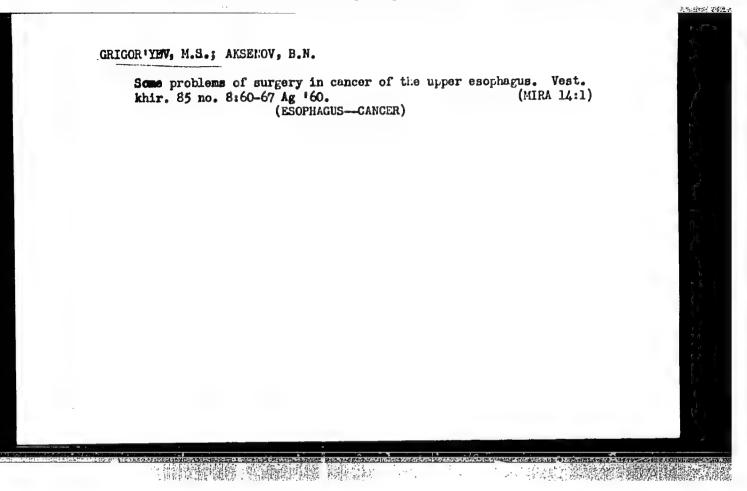
FILATOV, A.N., prof., red.; CHAKLIN, V.D., prof., red.;

RYBUSHKIN, I.N., doktor med. nauk, red.; RULEVA, M.S., tekhm.

[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz. Vol.5. [Chest surgery; thoracic wall, pleura, and lungs] Khirurgiia grudi; grudnaia stenka, plerva i legkie. 1960. 727 p. (MIR& 15:3)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Antelava, Bogush, Maksimenkov, Savitskiy, Kholdin, Chaklin).
2. Deystvitelinyy chlen Akademii meditsinskikh nauk SSSR (for Kupriyanov, Petrovskiy, Yegorov).

(CHEST-SURGERY)



VINOGRADOV, Vasiliy Mikhaylovich; D'YACHENKO, Petr Konstantinovich; GRIGOR'YEV, M.S., red.; KHARASH, G.A., tekhn.red.

[Principles of clinical anesthesiology; general anesthesiology]
Osnovy klinicheskoi anesteziologii; obshchaia anesteziologiia.
Leningrad, Gos.izd-vo med.lit-ry Medgiz, Leningr.otd-nie, 1961.
358 p.

(ANESTHESIOLOGY)

GRIGOR'YEV, M.S. (Leningrad K-9,ul.Smirmova,d.8,kv.36); BURMISTROV, M.I.

Median stermotomy in some operations on the heart and the anterior mediastimum. Grud. khir. 3 mo.1:33-37 Ja-F '61. (MIRA 16:5)

1. Iz khirurgicheskoy kliniki dlya usovershenstvovaniya vrachey (nachal'nik - prof. P.A.Kupriyanov) Voyenno-meditsinskoy ordena enima akademii imeni S.M.Kirova.

(MEDIASTINUM—SURGERY) (STERNUM—SURGERY) (HEART—SURGERY)

D'YACHENKO, Petr Konstantinovich; VINOGRADOV, Vasiliy Mikhaylovich; GRIGOR'YEV, M.S., red.; KHAKASH, G.A., tekhn. red.

[Specialized anesthesiology; selection of the method of anesthesia]Chastnaia anesteziologiia; vybor metoda obezbolivaniia. Leningrad, Medgiz, 1962. 407 p. (MIRA 15:12) (ANESTHESIOLOGY)

CIA-RDP86-00513R00051681

DRACHINSKAYA, Yelizaveta Semenovna; BREYDO, Isaak Samuilovich; GRIGOR!YEV, M.S., red.; LEBEDEVA, Z.V., tekhn. red.

[Surgery of the thyroid gland] Khirurgiia shchitovidnoi shelezy. Leningrad, Medgiz, 1963. 233 p. (MIRA 16:4) (THYROID GLAND—SURGERY)

GRISCETTET, M.S., prof.

Some problems of directal treatment of mirral attendeds. Trudy 1:M. 31 no.2120-29 "63. (MR4 17:10)

1. Iz kafedry goald talingy khirurgin laningradakego pediatricheakego meditairakego instituta.

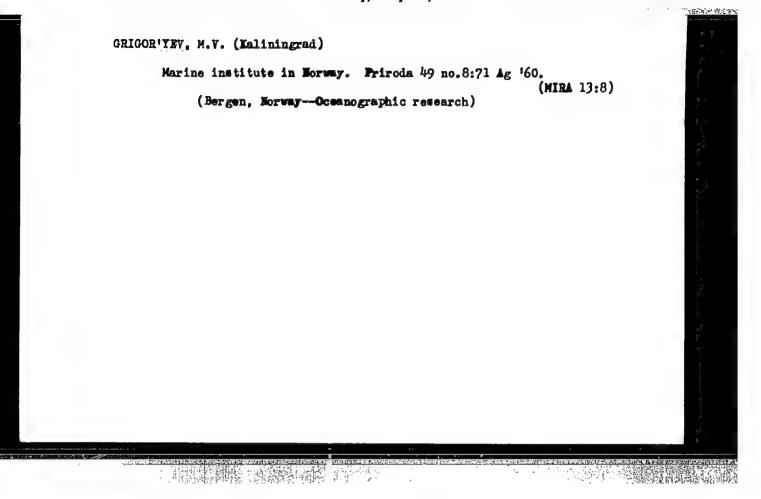
GRIGOR'YEV, M.S., prof.

Comparative evaluation of transventricular and transatrial commissurotomy in mitral stenosis. Vest.khir.90 no.2:76-81 F'63. (MIRA 16:7)

1. Iz gospital'noy khirurgicheskoy kliniki (zav.- prof. M.S. Grigor'yev) Leningradskogo pediatricheskogo meditsinskogo instituta (rektor - dotsent Ye.P.Semenova) na baze bol'nitsy imeni Kuybysheva (glavnyy vrach - Ye.V.Mamysheva).

(FITRAL VALVE-SURGERY)

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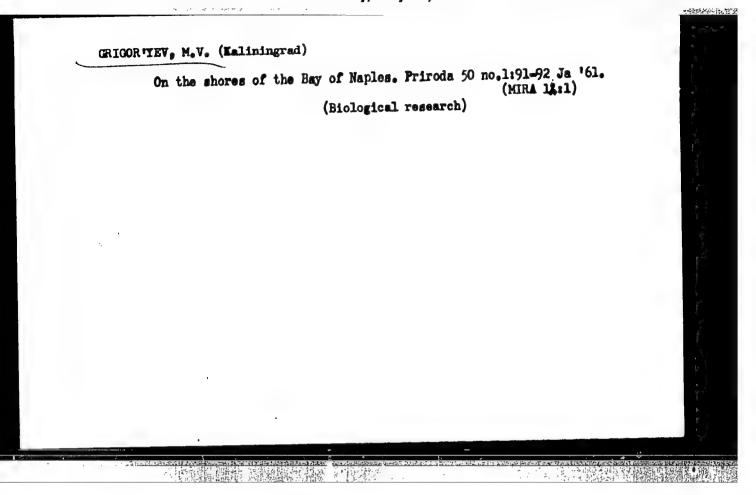


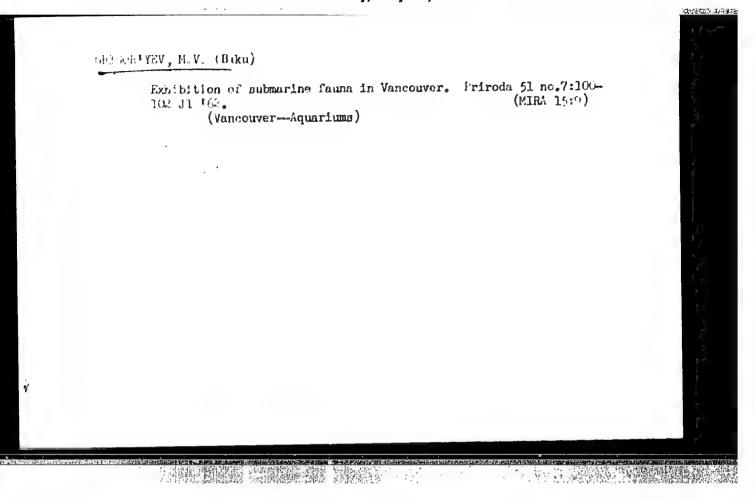
ORMONT, B.F., prof., red.; ALIMARIN, I.P., red.; GRIGOR'YEV, M.V., red.;
LASTOVSKIY, R.P., prof., red.; POROZHENKO, B.L., red.; SAZHIN,
B.P., red.; TARASOV, G.Ya., red.; YAKOVLEV, Yu.V., red.; KL'KIND,
L.M., red.izd-va; ISLENT'YEVA, P.G., tekhn.red.

Quality of materials which are used in semiconductor engineering; works of the Permanent Colloquium on Variable Composition Solid Phases for the years 1957-1958] Kachestvo materialov dlia poluprovodnikovoi tekhniki; trudy kollokviuma za 1957-1958 gg. Pod obshchei red. B.F.Ormonta. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Nos.8-30. 1959. 192 p. (MIRA 13:6)

1. Postoyannyy meshinstitutskiy kollokvium po tverdym fazam peremennogo sostava. 2. Fisiko-khimicheskiy institut im. L.Ya.Karpova; predmedatel' Mezhinstitutskogo kollokviuma po tverdym fasam peremennogo sostava (for Ormont). 3. Chleny-korrespondenty AN SSSR (for Alimerin, Sazhin). 4. Institut geokhimii i analiticheskoy khimii im. V.I.Vernadskogo AN SSSR (GEOKHI AN SSSH) (for Alimerin, Yakovlev). 5. Nauchno-imsledovatel'skiy institut Komiteta radioelektroniki (for Grigor'yev, Tarasov). 6. Vaesoyusnyy nauchno-imsled.institut khimicheskikh reaktivov (IREA) Komiteta khimii (for Lestovskiy). 7. Gosudarstvennyy institut redkikh i malykh metallov (Giredmet) (for Poromenko. Sazhin).

(Semiconductors)





RACHILL, G.M.; GRIGOTYEV, M.Yo.; CHEEVELMO, G.L.; TAYOFFIL., L.I.;
HATT, M.L.; SHAGAL, b.f.

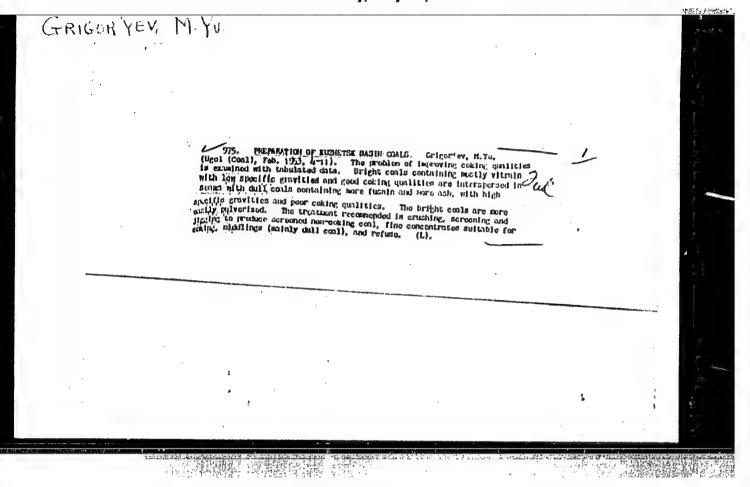
Humoral mechanisms of reactions caused by the introduction of carbocholine into corebrespinal fluid. Boxt. AN SSER
156 no. 4:964-967 Jo 164. (Nikd 17:6)

1. Predstavieno akademikom V.M.Chernigovohim.

GAL*FERIN, Yu.M.; GRIGOR*YEV, M.Yu.

Differentiation of nervous and humoral effects by simultaneous registration of motor activity of an innervated and denervated loop of small intestine. Biul. eksp. biol. i med. 57 no.3:23-(MIRA 17:11)

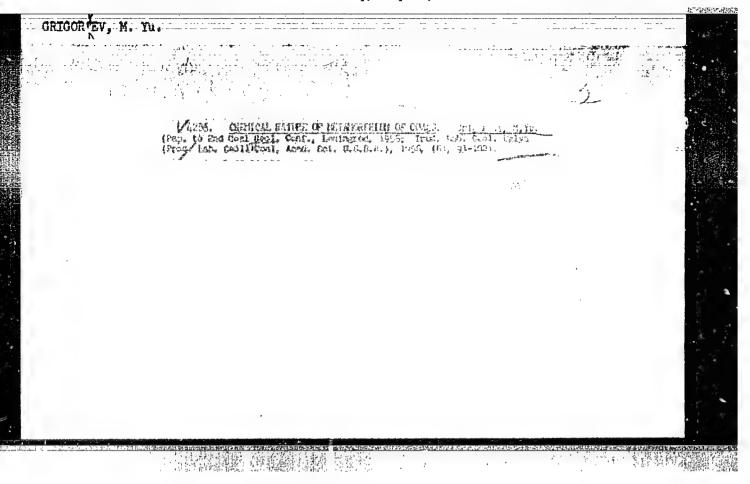
1. Patofiziologicheskaya laboratoriya (zav. - kand. med. nauk Yu.M. Gal'perin) Moskovskogo oblastnogo nauchno-issledovatel'skogo instituta imeni Vladimirskogo (dir. P.M. Leonenko) i laboratoriya neyro-gumoral'noy regulyatsii (zav. - chlan-korrespondent AN SSSR prof. N.I. Grashchenkov) All SSSE, Moskva. Fredstavlena deystvitel'nym chlenom AMN SSSR N.I. Grashchenkovym.



GRIGOR'TIV, M. Yu., kandidat khimicheskikh nauk

Urgent tasks of the Kuznets Basin coal industry. Standartizatsiia (MLRA 8:10)

1. Kuznetskiy Nauchno-issledovatel'skiy ugol'nyy institut (Kuznets Basin--Coal mining)



GRI GOR'YEV, M. YU

USSE/Chemical Technology - Chemical Products and Their Application. Treatment of

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62521

Author: Grigor'yev, M. Yu., Borodulin, V. A.

Institution:

On a Change-Over in Technological Schemes of Coal Concentration Mills of Kuznetsk Coal Fields Utilizing the Pneumatic Concentration Method Title:

Original

Ugol', 1955, No 5, 40-44 Periodicals

Abstract: On the basis of investigations of technological indexes of the operation of USh-3 separators and POM-1 pneumatic jigging machine it

has been ascertained that concentration is most effective in the case of oversize classes of coal. Efficacy of concentration of fine classes decreases sharply which results in a lowering of the over-all concentration effect. The authors propose to subject the concentrate Cf bize 13-0 and 6-0 mm obtained from USh-3 separator to a second

concentration in POM-1, and to include in the technological scheme

Card 1/2

CIA-RDP86-00513R00051681

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Solid Mineral Fuels, I-12

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62521

Abstract: of concentration of coal of ready and medium concentrability characteristics a dust flotation process.

Card 2/2

GRIGOR TEV. M 10

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Solid Mineral Puels, I-12

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62516

Author: Grigor'yev, M. Yu., Podbel'skiy, G. N.

Institution: None

Title: Industrial-Genetic Classification of Coal of the Kuznetsk Deposits

Original

Periodical: Izv. AN SSSR, otd. tekhn. n., 1956, No 2, 120-131

Abstract: Classification of coal must include parameters that characterize the degree of metamorphism (yield of volatiles) and genesis (contents of vitrenized and heliphysized components) while for industrial processing those relating to the capacity of the coal to yield a hard clinkering residue, namely coke. According to first named index coal is subdivided in 10 classes which differ by 3-5% in yields of volstiles on the basis of the combustible body. Each class comprises 10 groups differentiated in accordance with clinkering properties rated by

magnitude of plastic layer expressed in mm, with differences of

Card 1/2

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Solid Mineral Fuels, I-12

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62516

Abstract: 2-3 mm between consecutive groups. In addition all varieties of coal are divided in 5 subgroups according to petrographic types that characterize the total content of vitrenized components expressed in percent. According to this classification each type of coal is designated by a 3 digit index in which the first integer denotes the class, the second the group, and the third the subgroup. This classification includes humic coal (lignite, coal and anthracite). Oxidized coal forms a special group. Coal varieties from other fields can be readily fitted into this classification and thus a single industrial and genetic classification can be evolved which covers all coal of USSR.

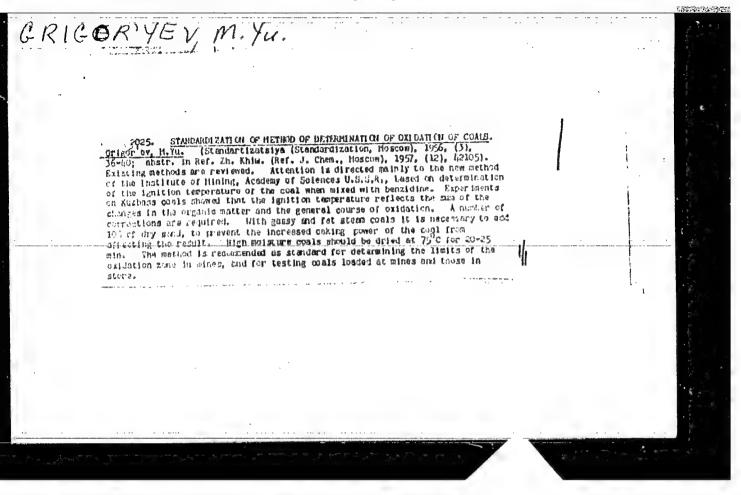
Card 2/2

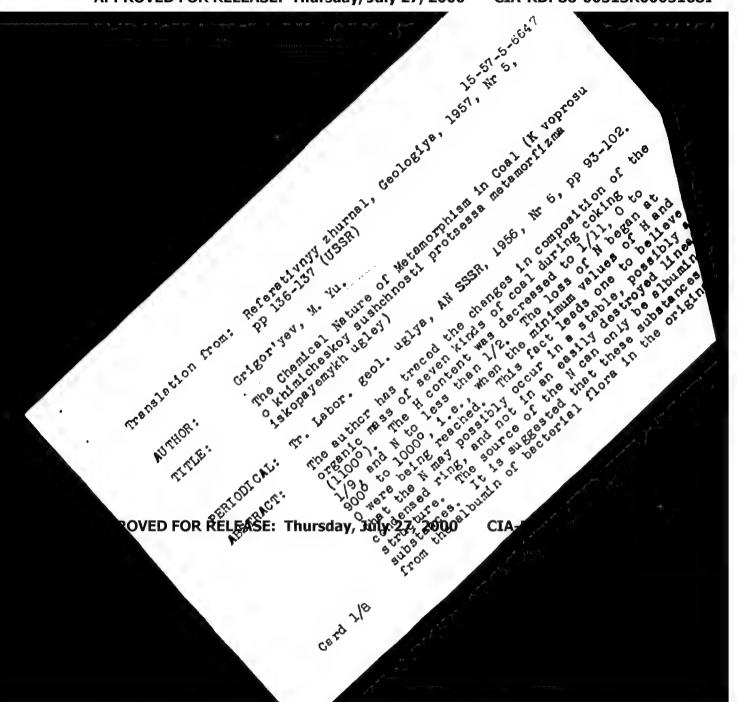
APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000516810

GRIGOR'THY, M.Yu., kandidat khimicheskikh nauk; PODBEL'SEIY, G.N., kandidat tekhnicheskikh nauk.

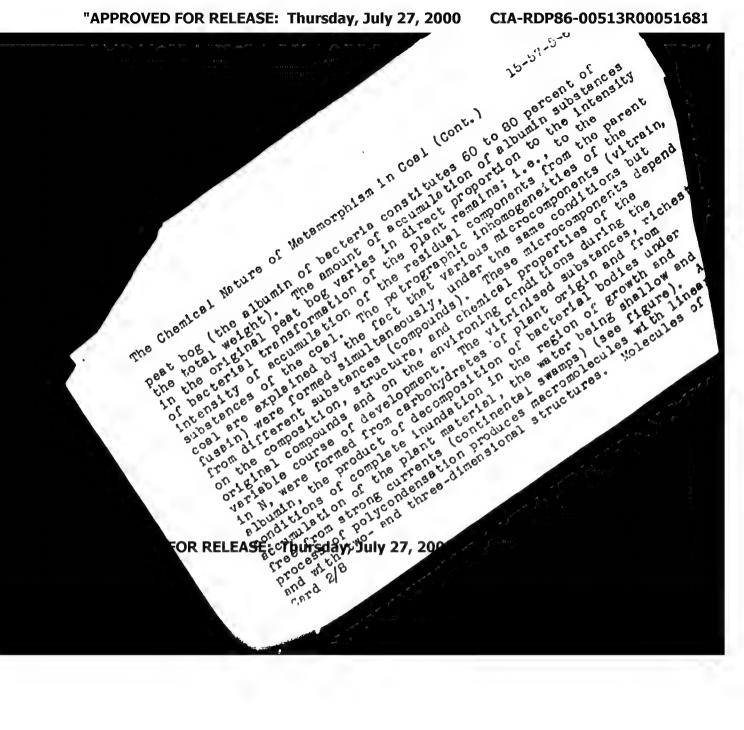
Preparation characteristics of Eusnetsk Basin coals with reference to their origin. Eoks 1 khim. no.3:8-12 '56. (MLRA 9:8)

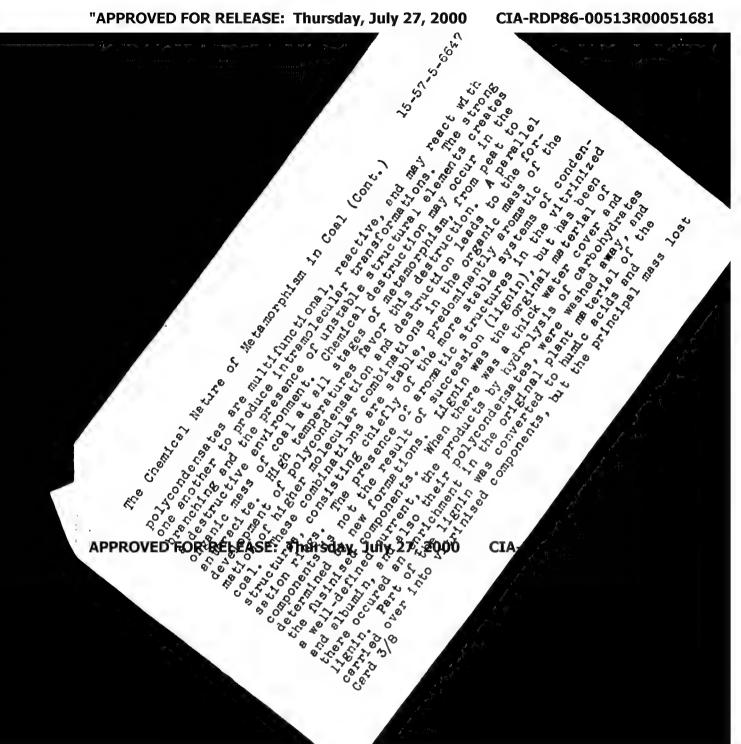
1. Eusnetskiy nauchno-issledovatel'skiy ugol'nyy institut. (Euznetsk Basin--Coal)

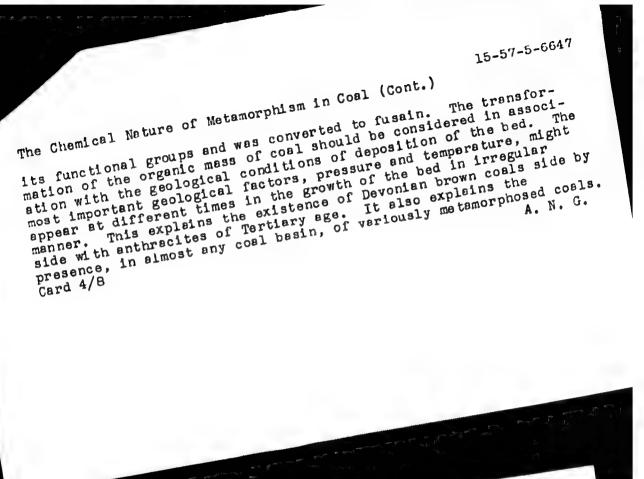


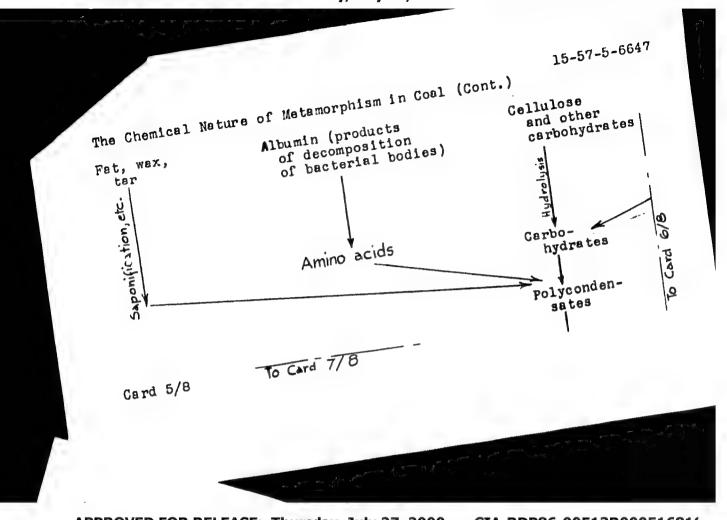


CIA-RDP86-00513R00051681 "APPROVED FOR RELEASE: Thursday, July 27, 2000

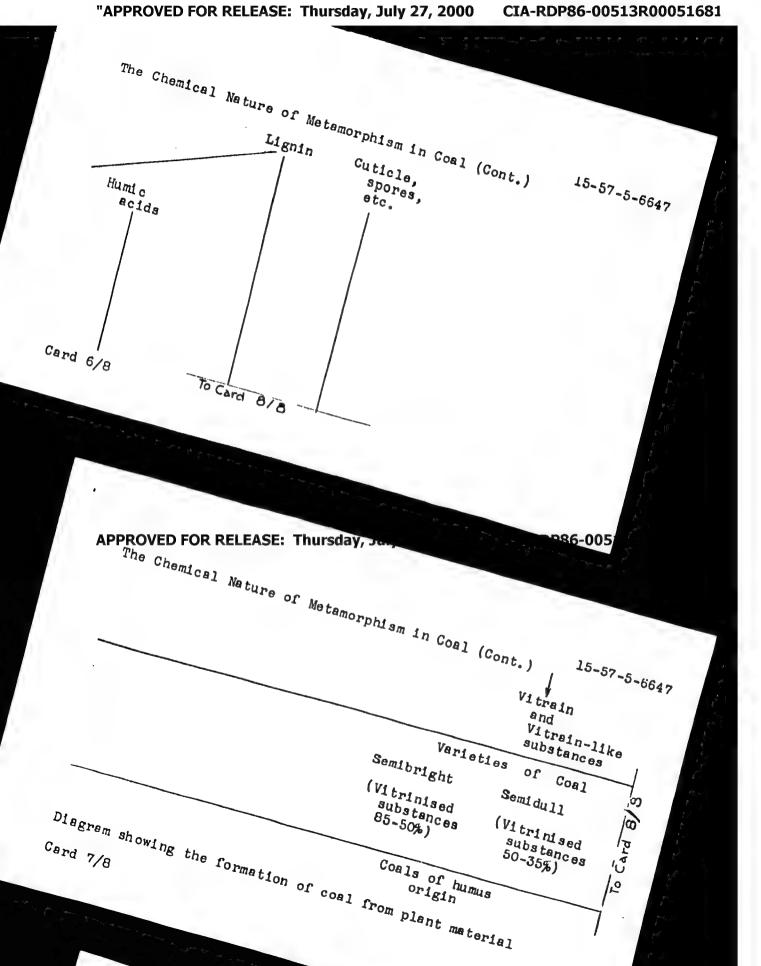


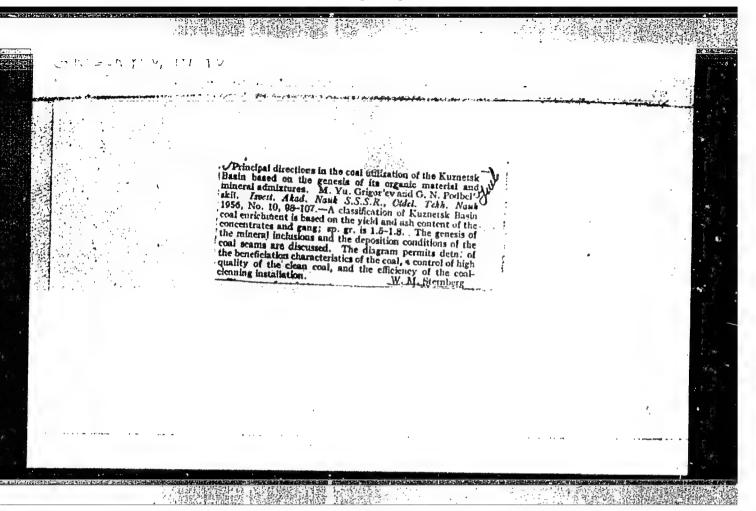






APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000516810





GRIGOR'YMV, M.Tu., kand.khim.nauk.

Genesis of Kusnetek Basin humus coals. Hauch. trudy po vop. pererab.

i kach ugl. no.4:3-47 '57.

(Kusnetek Basin--Coal geology)

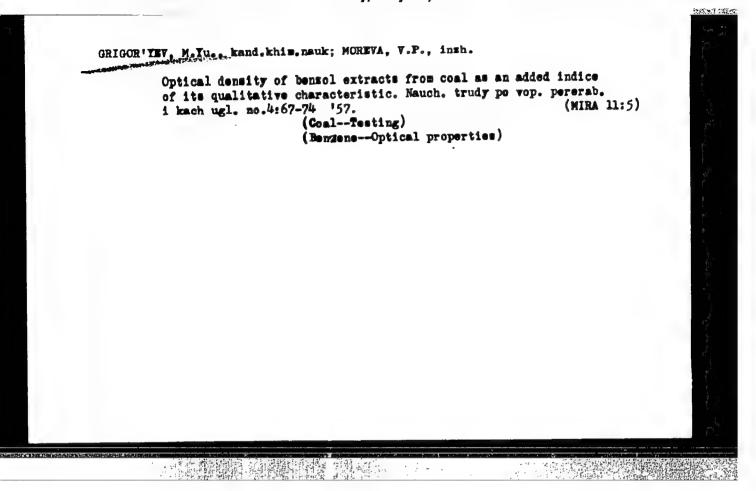
(Kusnetek Basin--Coal geology)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681(

GRIGOR'TEV, M.Tu., kand, khim. nauk; PODEEL'SKIT, G.N., kand. tekhn. nauk

Industrial and genetic classification of coal. Nauch. trudy po vop.
pererab. i kach ugl. no. 4:48-66 '57. (MIRA 11:5)

(Goal-Classification)



GRIGOR'THY, M.Tu. kand.khim.nauk; PODHEL'SKAYA, Ye.F., st. nauchnyy sotrudnik

Increasing the rate of agglomeration during flotation of petrographically inhomogeneus Kusnetsk Basin. Nauch, trudy po vop. pererab. i kach ugl. no.4:75-85 '57. (MIRA 11:5) (Kusnetsk Basin.—Coal geology) (Karaganda Basin.—Coal geology) (Flotation)

CIA-RDP86-00513R00051681

GRIGOR'THV, M.Yu., kand.khim. nauk; BORDDULIN, V.A., insh.

Investigating the performance of USh-3 pneumatic separators and FOM-1 jigs at the Kunnetsk Basin coal preparation plant.

Nauch. trudy po vop. pererab, i kach ugl. no.4:86-98 '57.

(Kunnetsk Basin-Coal preparation)

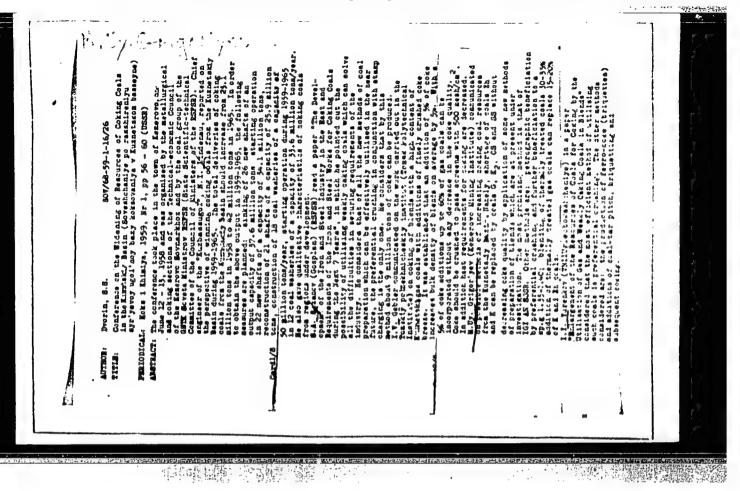
(Separators (Machines))

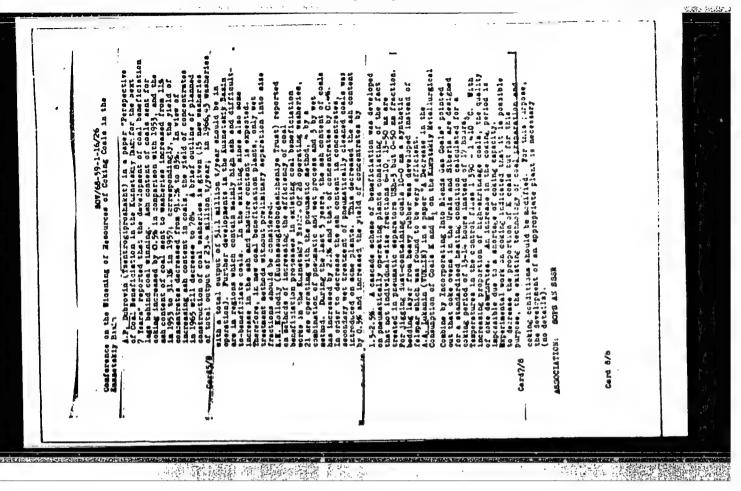
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GRIGOR'MEV, M.Ms., dotsent; POPOV, V.S., dotsent

Characteristics and mechanics of coal and gas outbursts in coal mines. Isv. vys. ucheb. sav.; gor. shur. no.3:44-52 '60.

(MIRA 14:5)

1. Kemerovskiy gornyy institut.

(Coal mines and mining)

CIA-RDP86-00513R00051681

GRIGOR'YEV, N.; MEDVEDIK, S.

Load deflection during gantry crane operations. 'Rech. transp. 20 (MIRA 14:5) no.5:16-17' My 'fol. (Loading and unloading)

(Cranes, derricks, etc.) (Loading and unloading)

L 20723-65 ENT(d) Po-li/Pg-li/Pg-li/Pk-li/Pl-li BBD/AFML/ASD(a)-5/AFM(df)/AFETE/AFTC(a)/AFGC(b)/AFGC(a)/ESD(dp)/IJP(c) BC

255:JN NR: AP4049504 \$/0209/64/000/011/0064/0070

AUTHOR: Grigor'yev, N. (Colonel, Engineer); Ryabkov, V. (Lieutenant Colonel, Engineer)

TITLE: Automated control systems

SOURCE: Aviatslya i kosmonavtika, no. 11, 1964, 64-70

TOPIC TAGS: aircraft control system, automatic pilot, aircraft instrumentation, aircraft testing, pilot training

ABSTRACT: The article points out that the growth of new weapons has necessitated the development of new control mechanisms for controlling them. The comment is made that in aviation, for example, more money is spent on controls than on what they are controlling. Also, the cost of ground maintenance has been increased several times. The article names various types of systems used for control; intermittent, built-in systems, complex steering equipment (guidance), power systems, weapons and flight apparatus as a whole, as well as special automated devices for checking various parts of flight systems. Some systems, for example, show the efficiency levels of the craft's various components while others check on their synchronization. The authors describe the control pulses used in aircraft control and observe that built-in systems do little to speed up maintenance Cara 1/2

L 20723-65 ACCESSION NR: AP4049504

testing. According to the authors, two basic systems are in use -- SAK and PAK. SAK is a mobile system consisting of three units, or carts, one of which contains control equipment, including computer programs with a built-in self-correction system as well as strain detectors, fidelity testers, and display and recording devices. The other two units are described as containing signal generators, switching systems, and signal transformers, each of which is discussed. PAK is a system to which component parts may be linked. Signals are generated to permit calibration of different units which can then serve to check the various components connected to the equipment and controlled from the panel. SAK is considered to be a superior system since PAK only permits the check of a limited number of components, and is therefore, not universal. SAK, in contrast, also contains radar equipment for strategic aircraft. It measures pulse, power, sensitivity of reception and simulates ground targets for various distances and rates of speed. Orig. art. has: 6 block diagrams and 2 graphs.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 'NG, AC

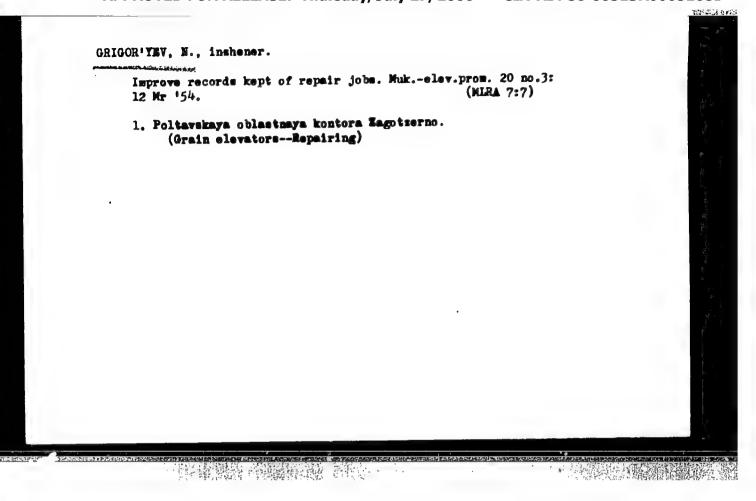
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Card · 2/2

- 1. ORIGOR'YEV. N.; IGNAT'EV, P.
- 2. USSR (600)
- 4. Wheat Trade
- 7. State of the wheat market in capitalist countries. Vnesh. torg. 23, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Unclassified.



ORIGOR'TEV, N., inshener.

Defects of the standard plan for the warehouse of 3,200 ton capacity. Muk.-elev.prom. 20 no.9:29 \$ '54. (MLRA 7:12)

1. Poltavskaya kontora Zagotserno. (Granaries)

CIA-RDP86-00513R00051681

MIKHAYLOVA, L., inshener; GRIGOR'YEV, N., inshener.

Suspended sieve for removing shelled grains from moving ear corn.
Muk.-elev.prom. 23 no.3:25 Mr '57.

1. Odesskaya oblastnaya kontora Ulrglavserno.
(Corn-handling machinery)

CIA-RDP86-00513R00051681

MINHAYLOVA, L., inzhener; ORIGOR'YEV, M., inzhener.

Mobile drier for ear corn. Muk,-elev. pros. 23 no.6123 Je '57.

(MIEA 1019)

1. Odesskoye oblastnoye upravleniye khleboproduktov.

(Corn (Maise)--Drying)

GRIGOR'YEV, N., insh.; MIKHAYLOVA, L., insh.

Equipment for the mechanized handling of ear corn. Muk-elev. prom. 24 no.6:26 Je '58. (MIMA 11:7)

1.0desskoye oblastnoye upravleniye khleboproduktov.
(Corn (Maise))

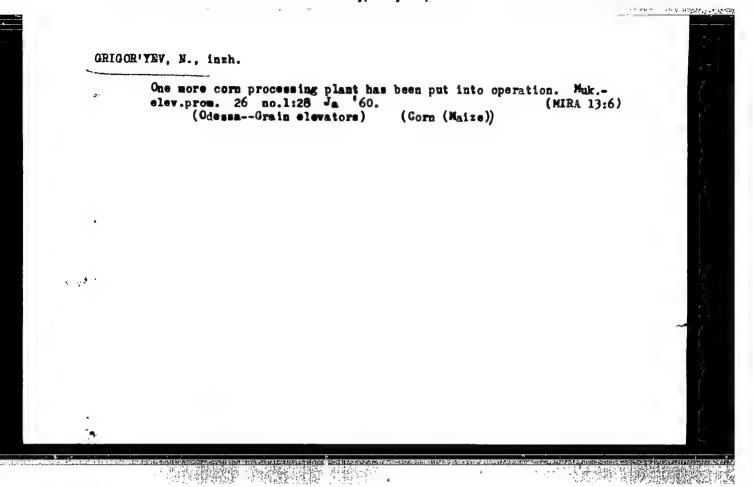
APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681(

GRIGOR'YEV, N.; KRYLOV, V.; RAYSKIY, A., mekhanik

Preventive maintenance of equipment. Muk.-elev.prom. 25 no.9:27 S '59. (MIRA 12:12)

1. Odesskoye oblastnoye upravleniye khleboproduktov (for Grigor'yev, Krylov). 2. TSekh Kuybyshevskogo mel'kombina (for Rayskiy).

(Grain-handling machinery -- Maintenance and repair)



Salubrity of the Yevpatoriya health resort. Okhr. truda i sots. strakh. 3 no.7:14-16 J1 '60. (MIRA 13:8)

1. Nachal'nik Yevpatoriyakogo kurortnogo upravleniya. (Yevpatoriya--Sanatoriums)

CIA-RDP86-00513R00051681

GRIGOR'YEV, N. (Alma-Ata)

Fine beginning. Zdorov'e 7 no. 5:6 My '61. (MIRA 14:4)

(CALLISTHENICS)

GRIGOR YEV, N.

Frontier veteran. Voen. znan. 39 no.2:36 F '63. (MIRA 16:3) (Smolin, Aleksandr)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681(

GRIGOR: YEV, N.A.

Chishki (Chanty-Argun) mineral water deposit. Sov. geol. 7 no.10:
136-141 0 '64. (MIRA 17:11)

1. Severo-Kavkazskoye otdeleniye Laboratorii gidrogeologichoskikh problem im. F.P. Savarenskogo.

"Electrocapillary phenomena on gallium."

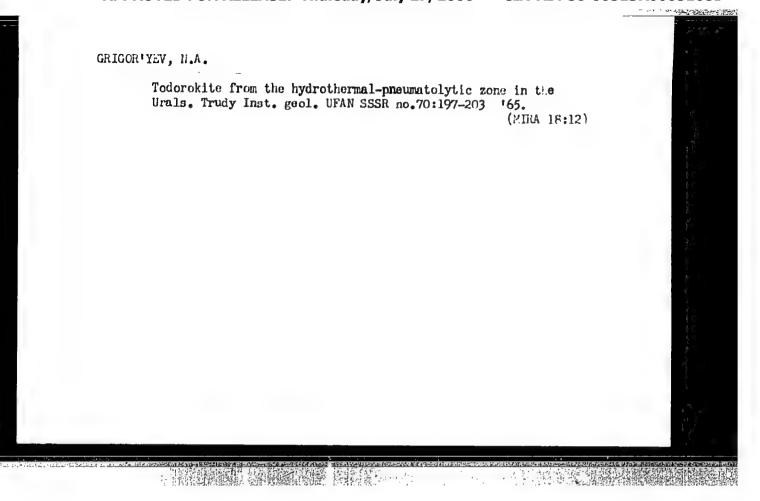
report presented at 15th Mtg, Intl Comm of Electrochemical Thermodynamics & Kinetics, London & Cambridge, UK, 21-26 Sep 1964.

Inst of Electrochemistry, AS USSR.

GF160R¹YrV, E., inzh.-polkovnik; HYARKOV, V., inzh.-podpolkovnik
Automatic control systems. Av. i kosm. 47 no.11:64-70 N ¹64.
(MIRA 17:11)

Glucine, a new mineral of beryllium. Zap. Vses. min. ob-va 92 no.6:691-696 '63. (MIRA 18:3)

1. Institut geologii Ural'skogo filiala AN SSSR, Sverdlovsk.



POKROVSKIY, P.V.; GRIGOR'YEV, N.A.; POTASHKO, K.A.

Secondary phosphates of beryllium and their distribution in the weathering surface of mica-fluorite greisens. Trudy Inst. geol. UFAN SSSR no.70:205-209 165. (MIRA 18:12)

(MIRA 18:12)

POKROVSKIY, P.V.; GRIGOR YEV, N.A. Mechanism of the formation of rhythmic-banded structures in the process of diffusion metasomatosis. Trudy Inst. geol.

UFAN SSSR no.70:211-219 '65.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681(

L 16443-65 EMT(m)/EMP(t)/EMP(b) IJP(c) JD/JG ACCESSION NR: AF4043555 S/0020/64/157/004/0957/0940

AUTHORS: Frumkin, A.N; Academician); Grigor'yev, N.B.; Bagotskaya, I.A.

TITLE: Investigation of the structure of the electric double layer on gallium by the method of measuring differential capacity

SOURCE: AN SSSR. Doklady*, v. 157, no. 4, 1964, 957-960

TOFIC TAGS: electric double layer, gallium, differential capacity, gallium dissolution, charge density, water adsorption, dropping gallium electrode

ABSTRACT: The differential capacity on a dropping gallium electrode was measured at 30C in various Na₂SO₄, NaClO₄, LiCl, NaCl, KCl, CsCl, and KCNS solutions, 1N neutral salt solutions were used for measurements at potentials from -1.9 to -1.2 volts. For measurements from -1.3 to -1.1 volts the solutions were acidified to 0.01N, ments from -1.3 to -1.1 volts to positive voltages they were and for measurements from -1.15 volts to positive voltages they were acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acidified to 0.1N; except for KI and KCNS when HCl was used, the acid acid field to 0.1N; except for KI and KCNS when HCl was used, the acid acid field to 0.1N; except for KI and K

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ACCESSION NR: AP4043555

136, 215 (1928)). At negative potentials corresponding to areas of cation adsorption, the differential capacity C increased in going from Li⁺ to Cs⁺. In solutions containing the same cations but different anions the differential capacity curves almost coincided (fig. 1); C increased sharply at potentials corresponding to the start of anion adsorption in the following order CNS >1 >Br >Cl > $SO_c^2 > ClO_c$. The capacity was independent of frequency (318 cycles to 30 kilocycles/sec.) and was assumed to be the capacity of the electric double layer. The absence of dispersion of C indicated the process of Ga dissolution, which takes place at even more positive potentials, is irreversible. The relationship between the charge density £ and the potential Ψ for Ga and Hg in IN solutions was compared (fig. 2). In the vicinity of the zero charge in IN Na $SO_c = 135$ and $CH_g = 29.5$ microfarad/cm². Further from the zero charge the rate increase in £ for Ga was reduced; it approached £ for Hg. Thus an electric double layer of the same state as on Hg was formed on Ga, only at a more positive potential with repsect to the

Card 2/5

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zero charge point. The increase in C on Ga at less negative values was attributed not to the adsorption of O or OH on the Ga surface, was attributed not to the adsorption of 0 or 0H on the Ga surface, nor to an increase of Ga ions in the boundary layers, but to the adsorption of water on Ga, the water dipole being oriented with its negative end toward the Ga proportionally to the shift in Ga potential. "I thank B.B. Damaskin for participation in evaluating the tial. "Gallium was purified by the Institute of rare obtained results." "Gallium was purified by the Institute of rare metals method. We take the opportunity to thank AN SSSR assoc. member N.P. Saghin for assistance in obtaining it." Orig. art. has: 3 figures.

ASSOCIATION: None

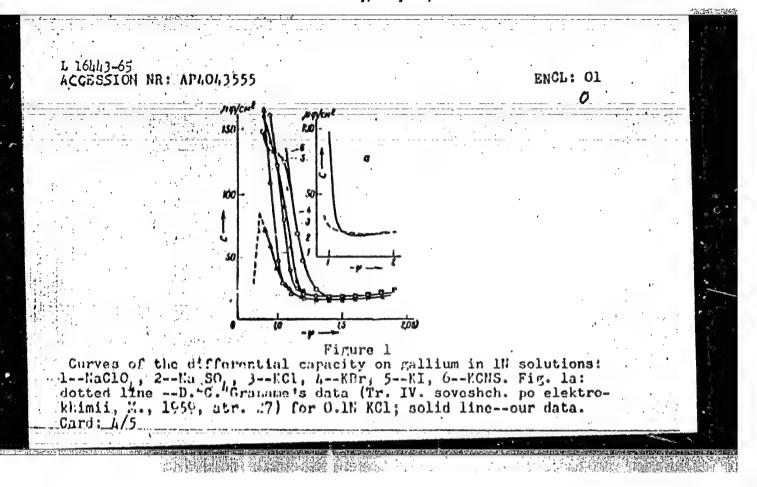
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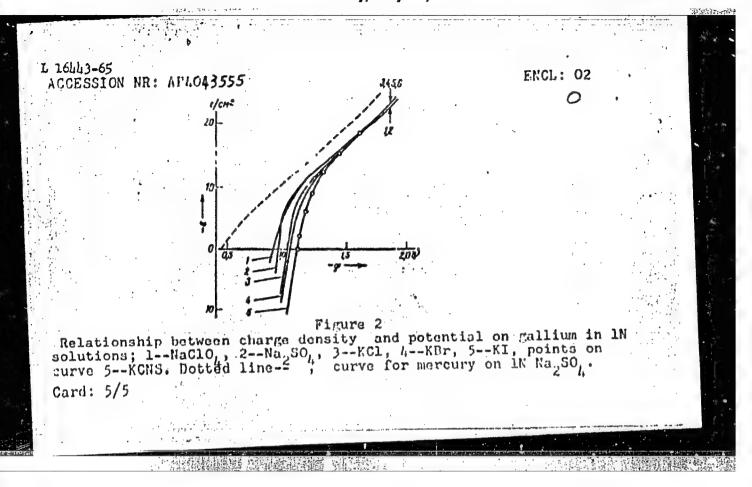
SUBMITTED: 31Maru4

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SUB CODE: GC

Card 3/5





L 25625-65 EPF(n)-2/EPA(s)-2/EWT(n)/EPA(bb)-2/EWP(b)/EWA(d)/EWP(t) Pt-10/Pu-4 IJP(c) WW/JD/JG/WB S/0020/64/157/006/1455/1458 37

AUTHOR: Frumkin, A. N. (Academician); Polyanovskaya, N. S.; Grigor'yev, N. B.

TITLE: Electrocapillary curves of liquid gallium 27

SOURCE: AN SSSR. Doklady*, v. 157, no. 6, 1964, 1455-1458

TOPIC TAGS: gallium, electrocapillary curve, gallium purity, electrocapillary effect, capacitance, purity control

ABSTRACT: The electrocapillary effects and adsorption of surface active materials on pure gallium and the effect of the degree of purity on the electrocapillary properties of Ga were studied. The interfacial tension (6) values obtained in various HCl-containing solutions in the potential interval from -0.8 to -1.8 v (φ) values of each curve. The experimental electrocapillary curves compared with the 6- φ curves calculated by double integration from differential capacitance (C)- φ data. From the zero charge potentials (φ 0) and φ max values of Ga in different solutions it was found that the surface activity of SO₁2. (or ESO₄ Cord 1/2

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L 25625-65 ACCESSION NR: AP4044890

Cl, Br, I decreased in this some order as in Hg. The surface activity of SO was greater than, and of Cl and Br was similar to that on Hg; ClO₄ had no effect. The high capacitance of the electric double layer of Ga at not too negative potentials and the asymmetry of the electrocapillary curves was believed to be determined by the chemosorption of water molecules, whose orientation changed with polarization of the metal. The purity of Ga had a strong effect on the electrocapillary curves; 6 max was 41 dyne/cm higher for 99.9998% pure Ga than for the 99.996%, and the shifted to more negative values. The possibility of controlling Ga purity by electrocapillary data was suggested. "We acknowledge B. B. Damaskin's participation in evaluating the results." "We thank AN SSSR associated member N. S. Sazhin for assistance in obtaining samples of this gallium." Orig. art. has: 3 figures and 1 table

ASSOCIATION: Moskovskiy gosudarvenny*y universitet im. M. V. Lomonosova

(Moscow State University)

SUBMITTED: 12Mar64

NR REF SOV: 005

ENCL: 00

SUB CODE: GC, EM

OTHER: 006

cord/2

Process pulse crop seeds at corn plants. Muk.-elev. prom. 28 no.8:11-12
(MIRA 17:2)
Ag '62.

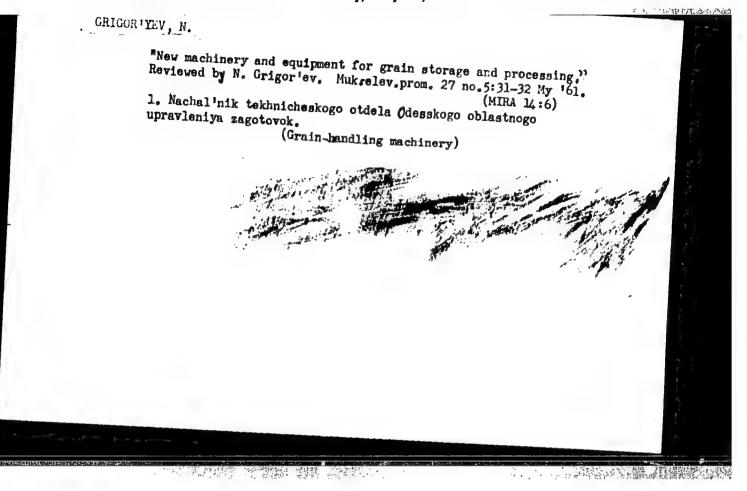
1. Nachal'nik tekhnicheskogo otdela Odesskogo upravleniya khleboproduktov.

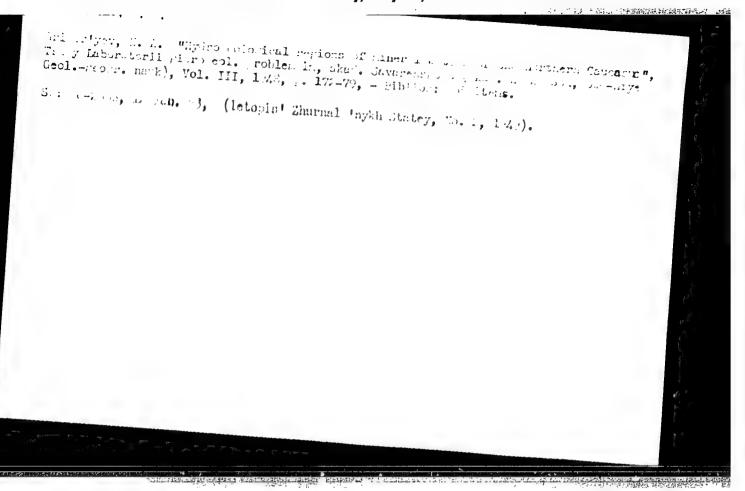
APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000516810

PEREMETOV, I., insh.; BOYKO, I., insh.; GRIGOR'YEV, N., insh. Odessa harbor elevator. Muk.-elev. prom. 28 no.11:10-11 N 162. (MIRA 16:2) 1. Odesskoye upravleniye khleboproduktov. (Odessa-Grain elevators)

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681





POKROVSKIY, P.V.; GRIGOR'YEV, N.A.; POTASHKO, K.A.; AYZIKOVICH, A.N.

Moraesite from the Urals. Zap.Vsss.ain.ob-va. 92 no.2:232-239
(MIRA 16:5)

1. Institut geologii Ural'akogo filiala AN SSSR i Ural'akoye geologicheskoye upravleniye.

(Ural Mountains—Moraesite)

POKROVSKIY, P.V.; ORIGOR'YEV, N.A.

Crandallite from the hydrothermal-pneumatolytic zone in the Central Ural Mountains. Zap. Vses. min. ob-va 92 no.51601-607 (63. (MIRA 17:1)

1. Ural'skiy filial AN SSSR, institut geologii, Sverdlovsk.

Attraction interaction between tetrabutyl ammonium cations adsorbed on mercury. Zhur. fiz. khim. 36 no.11:2530.

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

DAMASKIN, B.B.; GRIGOR'YEV, N.B.

Effect of the potential on the attraction interaction between adsorbed organic molecules. Dokl. AN SSSR 147 no.1:135-138 N '62. (MIRA 15:11)

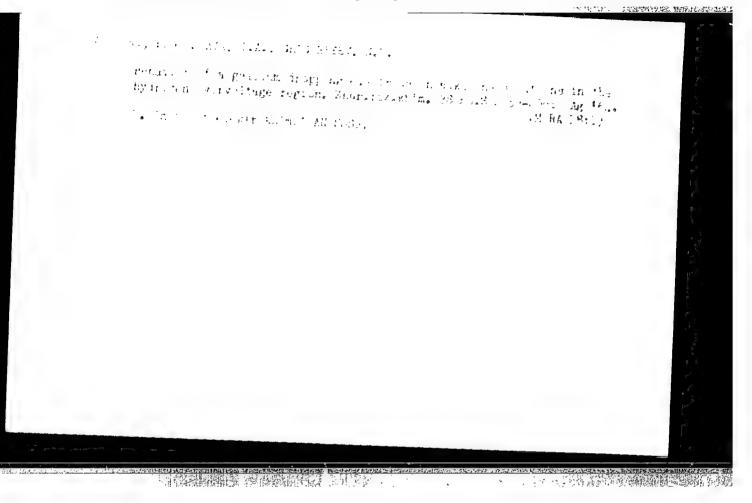
1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova. Predstavleno akademikom A.N. Frumkinym.

(Adsorption)
(Electromotive force)
(Molecules)

TEODORADZE, G.A.; GRIGOR'YEV, N.B.

Pseudocapacity of exygen reduction on morcury in acid methanol solutions. Izv.AN SSSR.Ser.khim. ne.2:390 F *64. (MIRA 17:3)

1. Institut elektrekhimii AN SSSR.



GRI FORTZAI, N. D.

"Machanization of Processing Fostal Shipments in Communications Enterprises". One of a series of Telecommunications lectures given by experts in the scientific research institutes and educational institutes.

SO: Vest. Svyazi, : 24, No. 6, 1952.

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一位的数据图题 在整整的路路上的外。

Method for determining the age of the arctic fox (Vulpes lagopus L.).

Inv. Haran.fil.AN SSER.Ser.biol.i sel'khoz.nauk no.3:207-215 no.3:207215 '52. (Arctic fox)

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